

About Civil Engineering

Basic of Civil Engineering

1] Modulus of Elasticity of Concrete —

$$E_c = 5000 \sqrt{f_{ck}}$$

2] Tensile strength of Concrete = $0.7 \sqrt{f_{ck}}$

3] Deflection means temporary displacement

4] Deformation is permanent displacement

5] Segregation is separation of cement, sand and aggregate

6] weight of steel = $\frac{D^2}{162.2}$ kg/m

7] Weight of steel = $\frac{D^2}{533}$ kg/ft

8] 1 yard = 3 feet

9] Dimensional tolerance of cube = $\pm 2 \text{ mm}$

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Basic Civil Engineering Principles

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Basic Civil Engineering Principles:

Basic Civil Engineering Principles Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Basic Civil Engineering Principles**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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